

Fig. 1

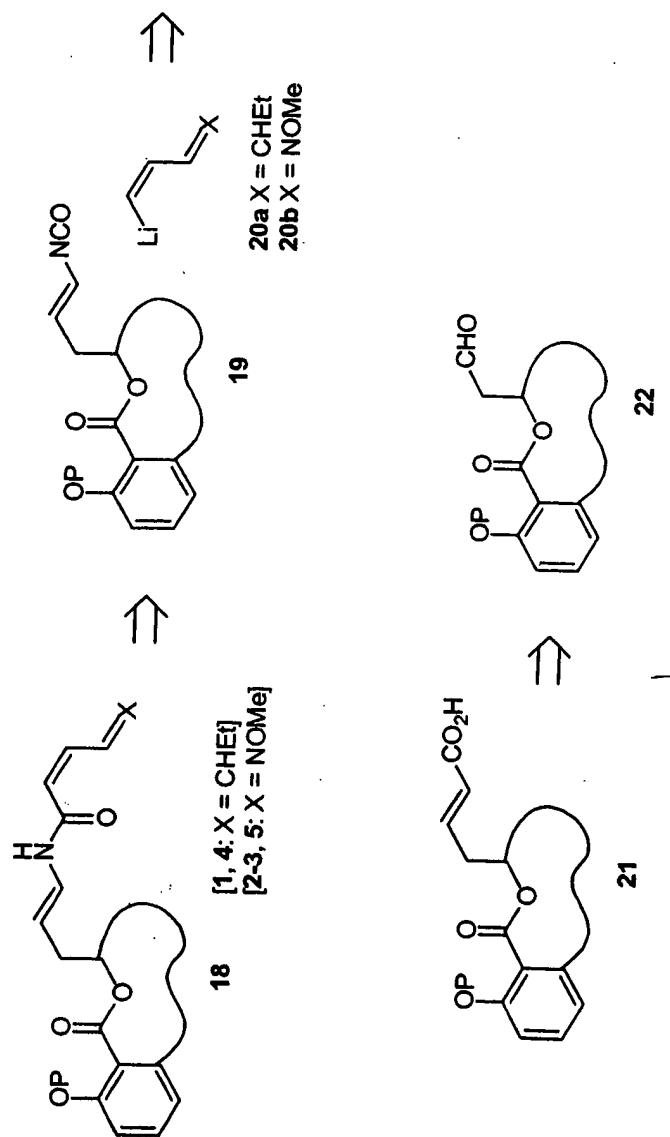


Fig. 2

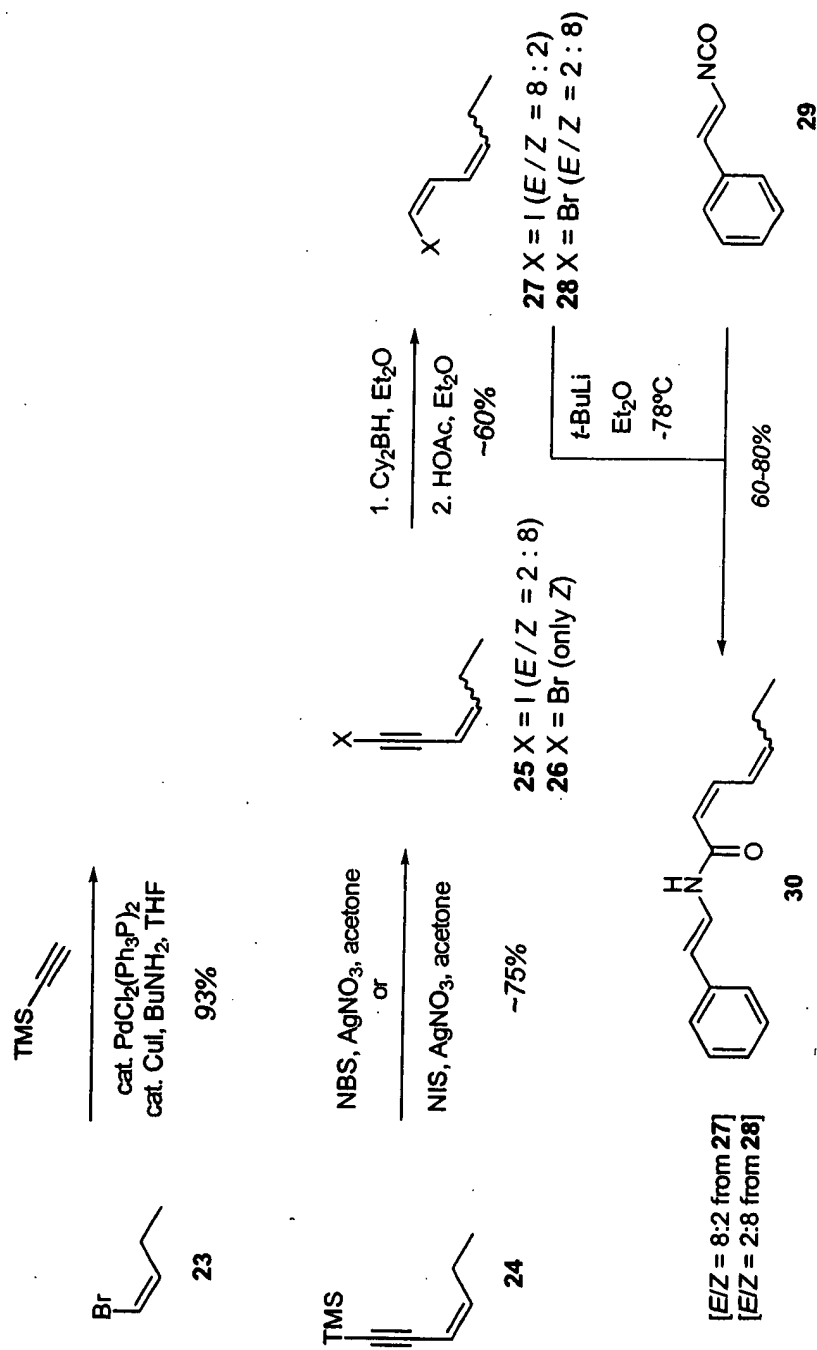


Fig. 3

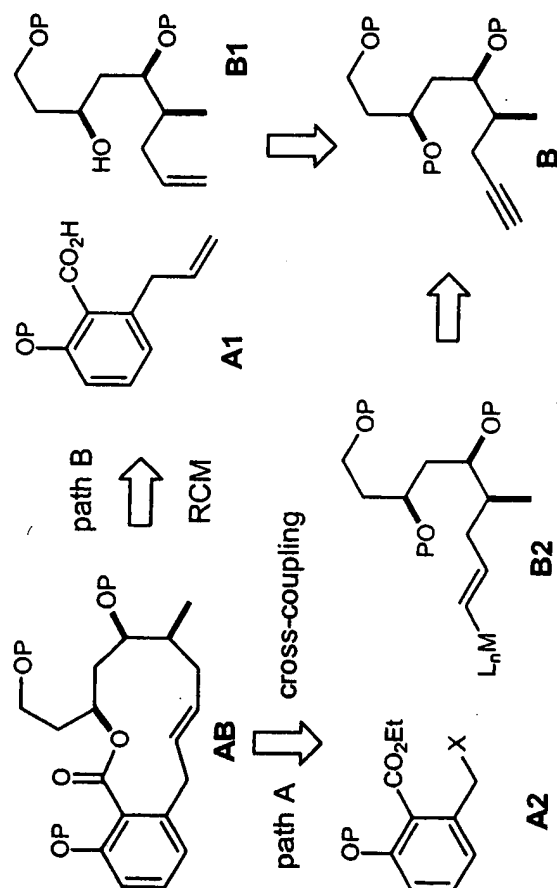


Fig. 4

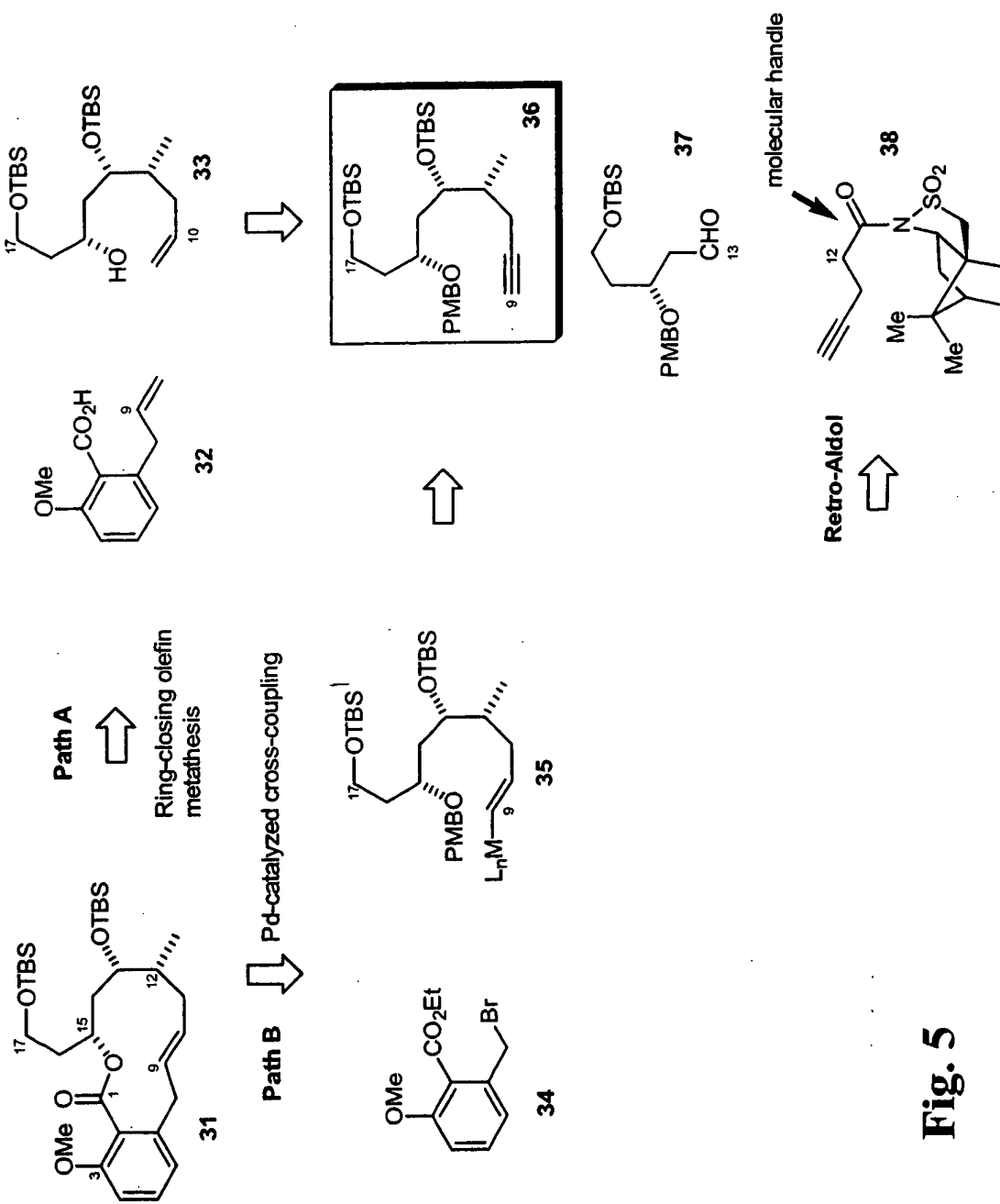


Fig. 5

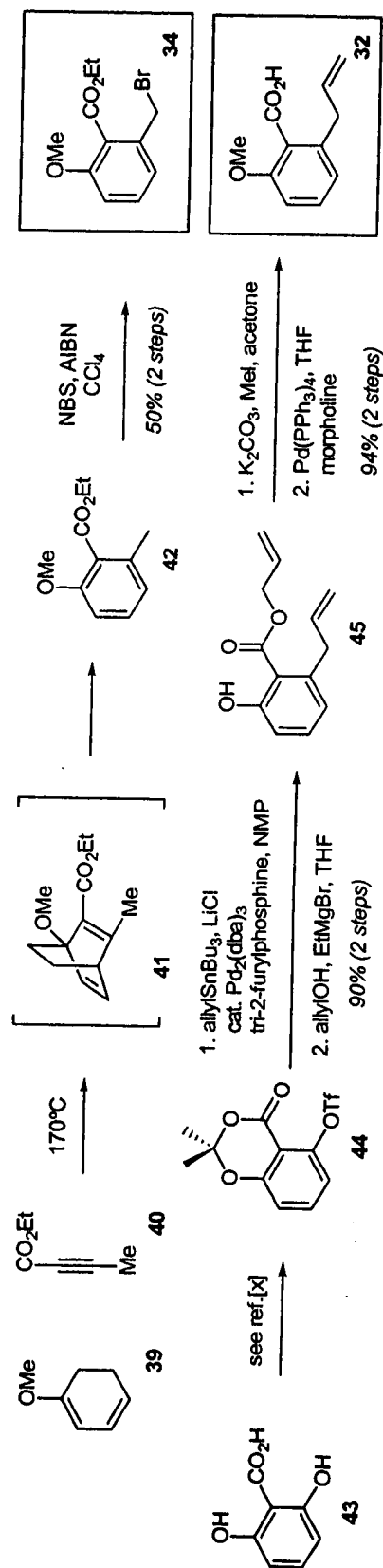


Fig. 6

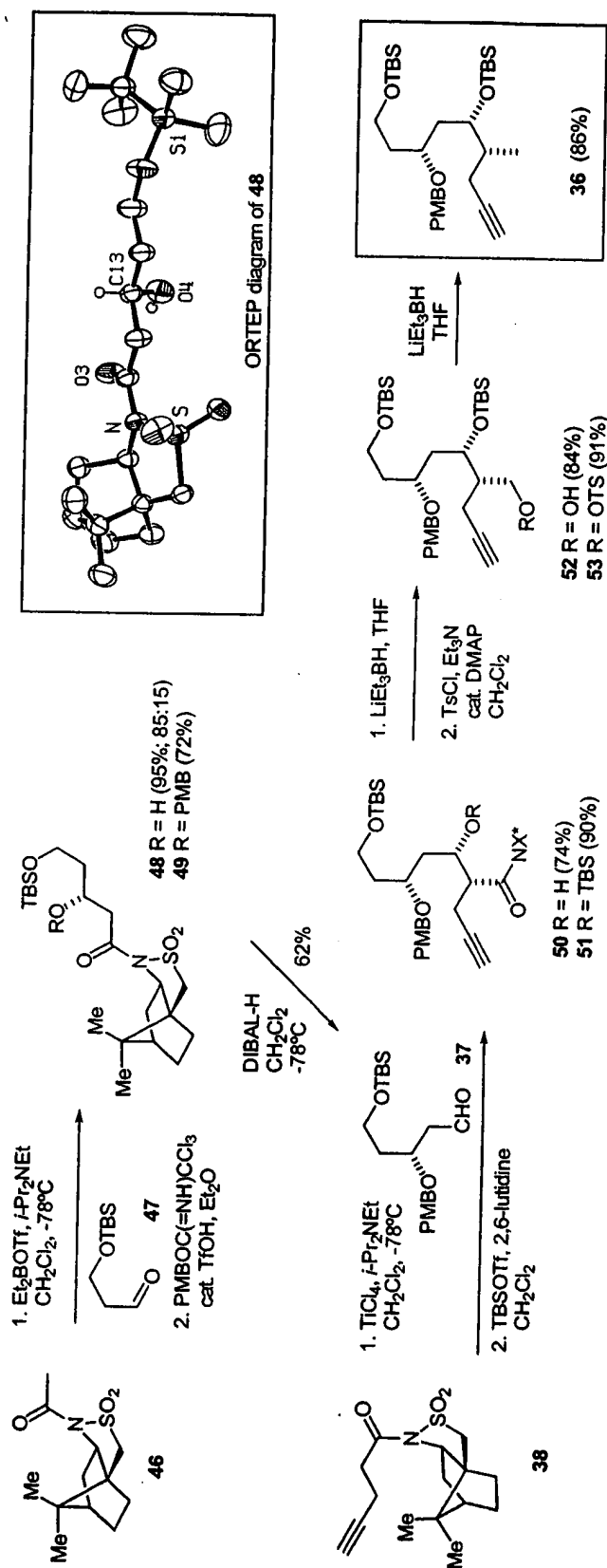


Fig. 7

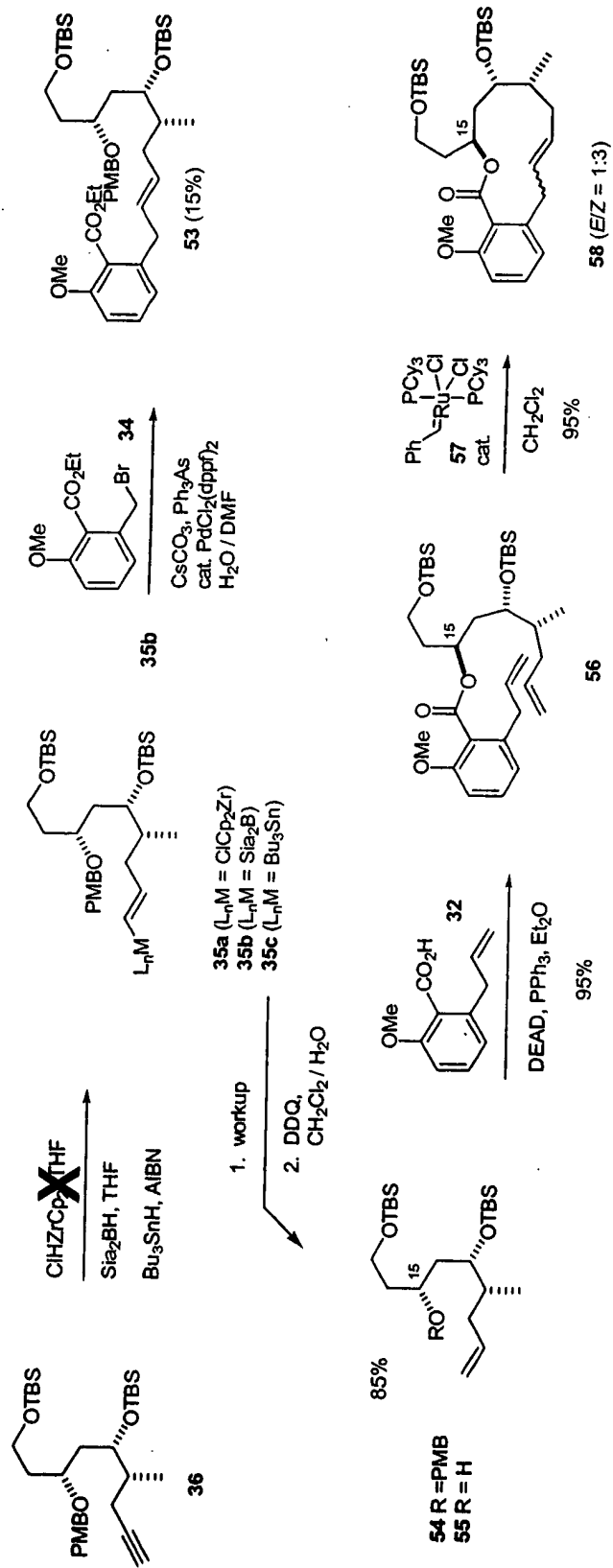


Fig. 8

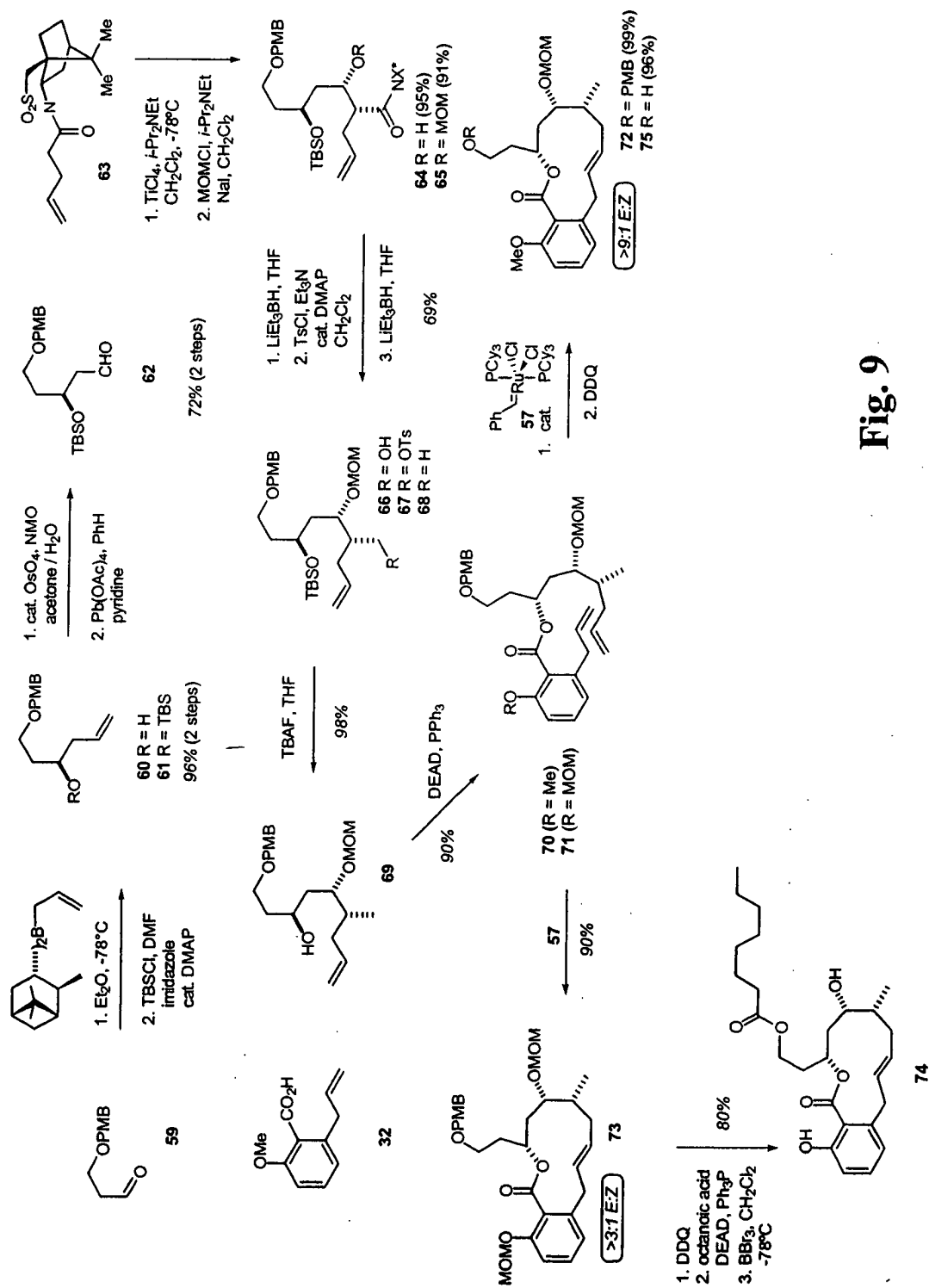


Fig. 9

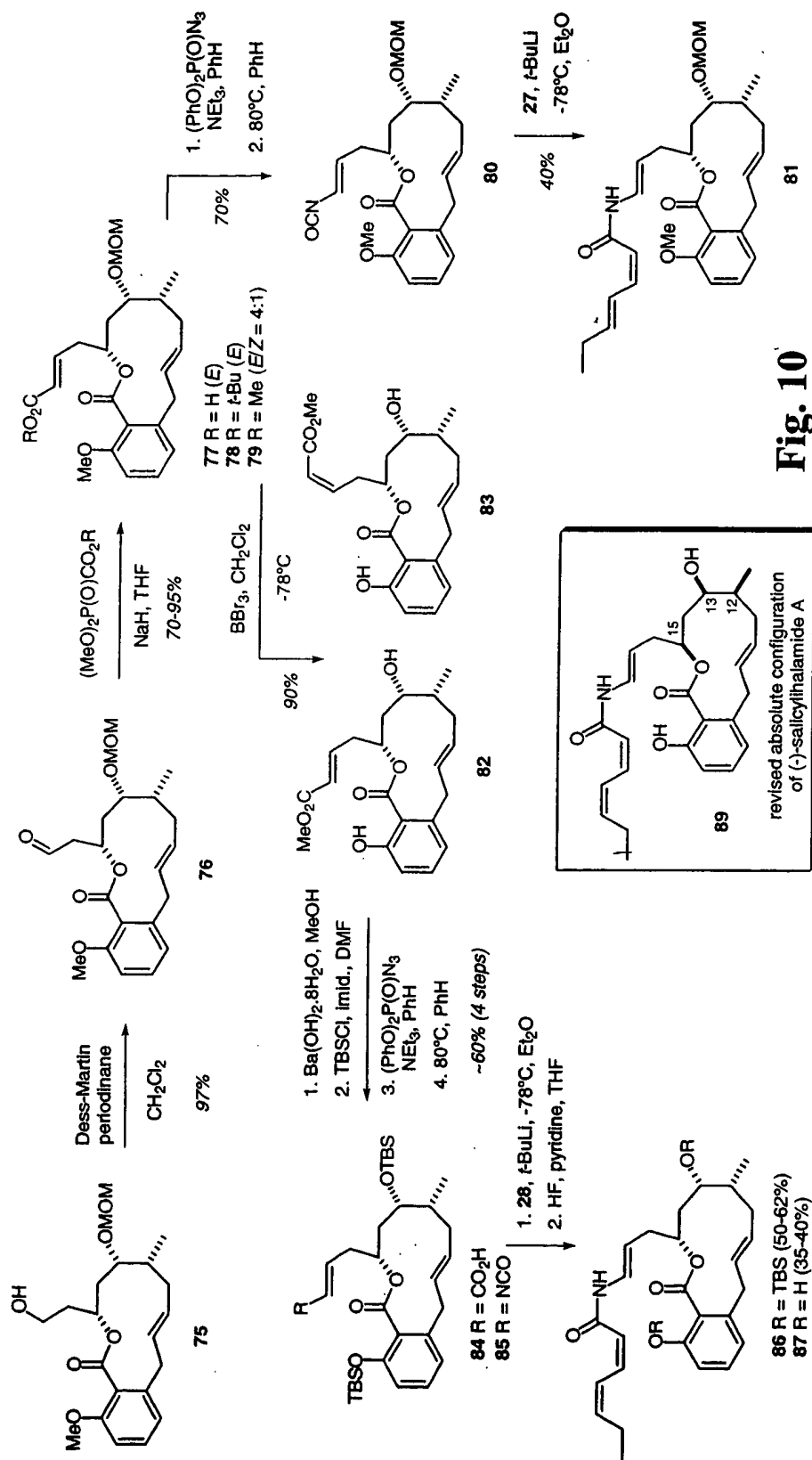
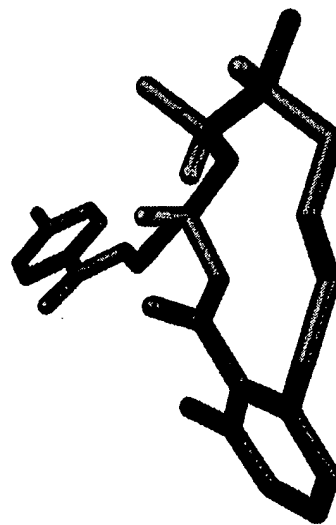
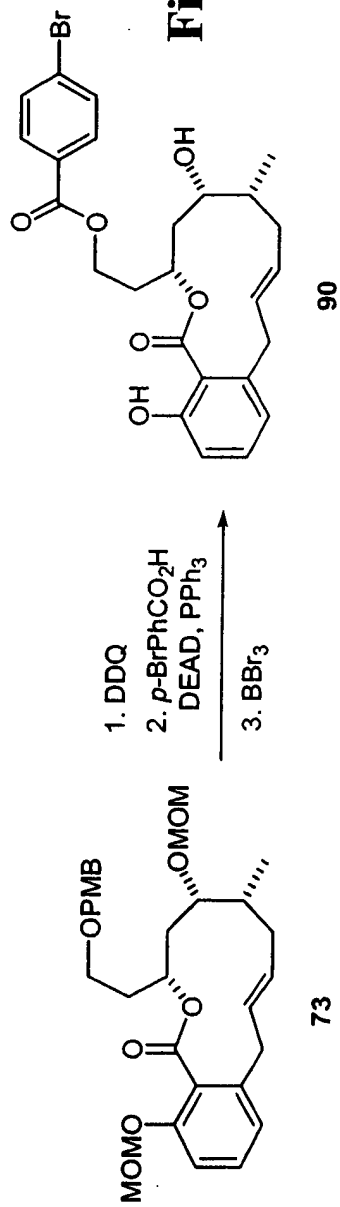


Fig. 10



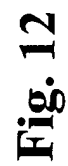


Fig. 12

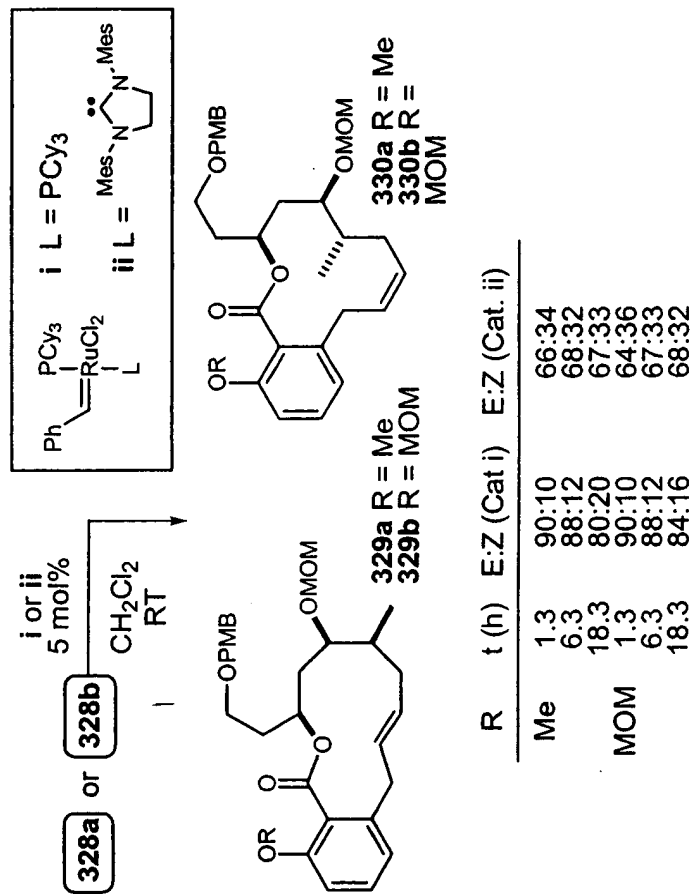


Fig. 13

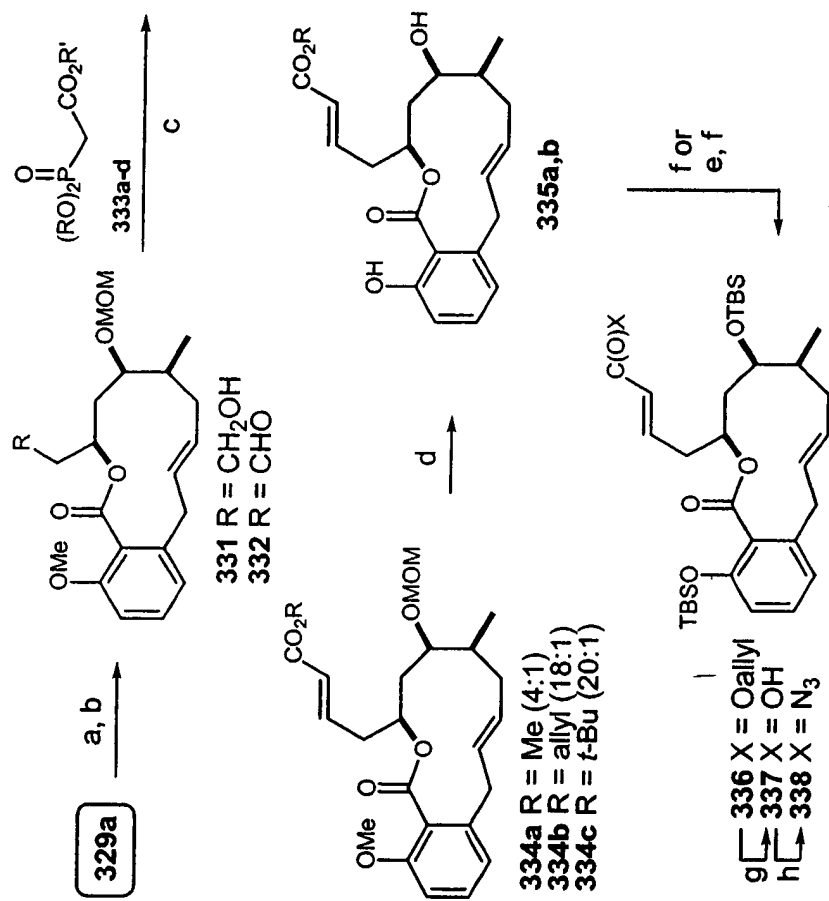


Fig. 14

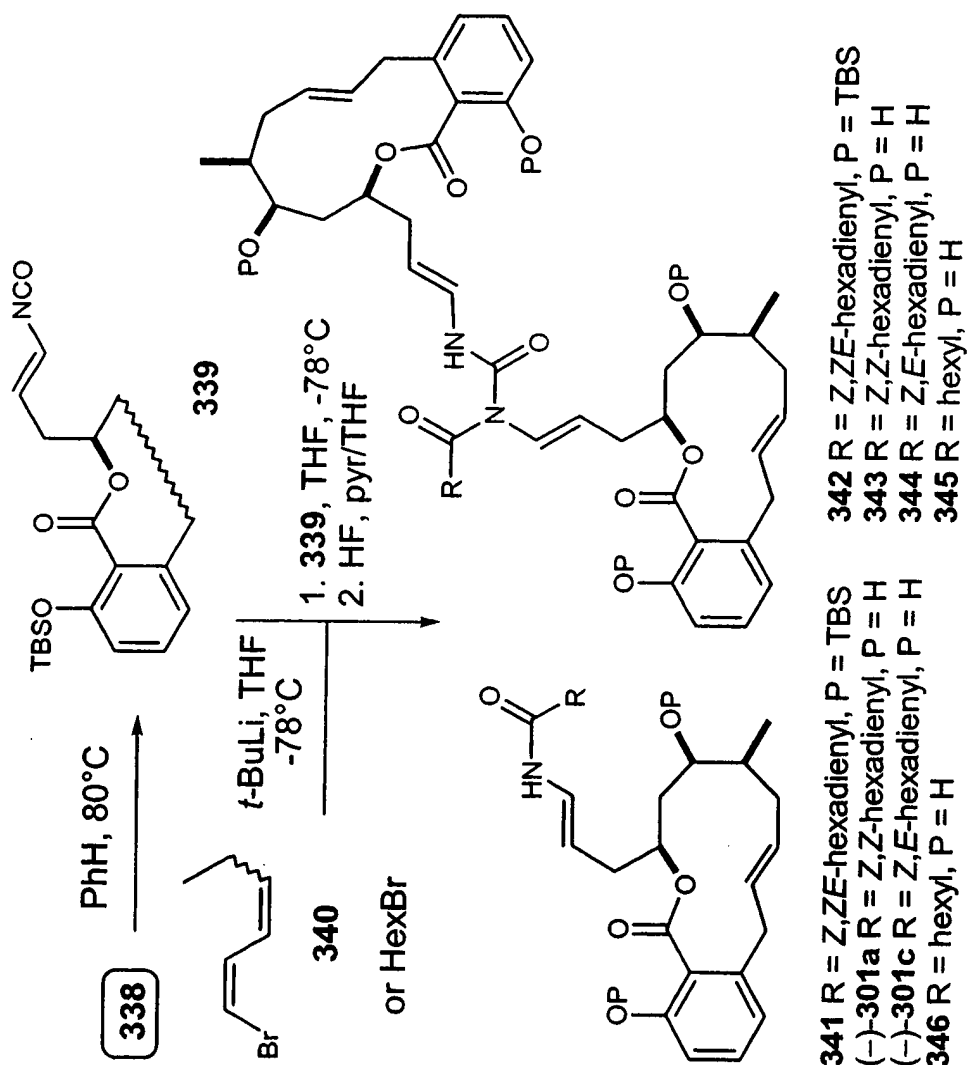


Fig. 15

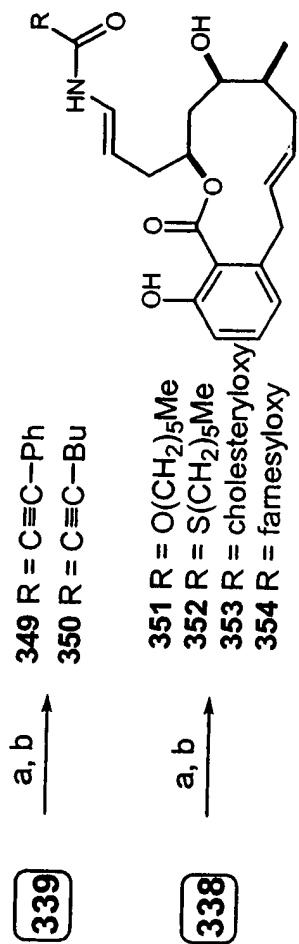
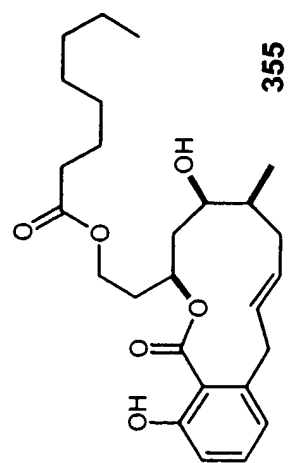


Fig. 16



1. DDQ
2. PPh₃, DEAD
p-BrPhCO₂H
3. BBr₃

329a,b

Fig. 17

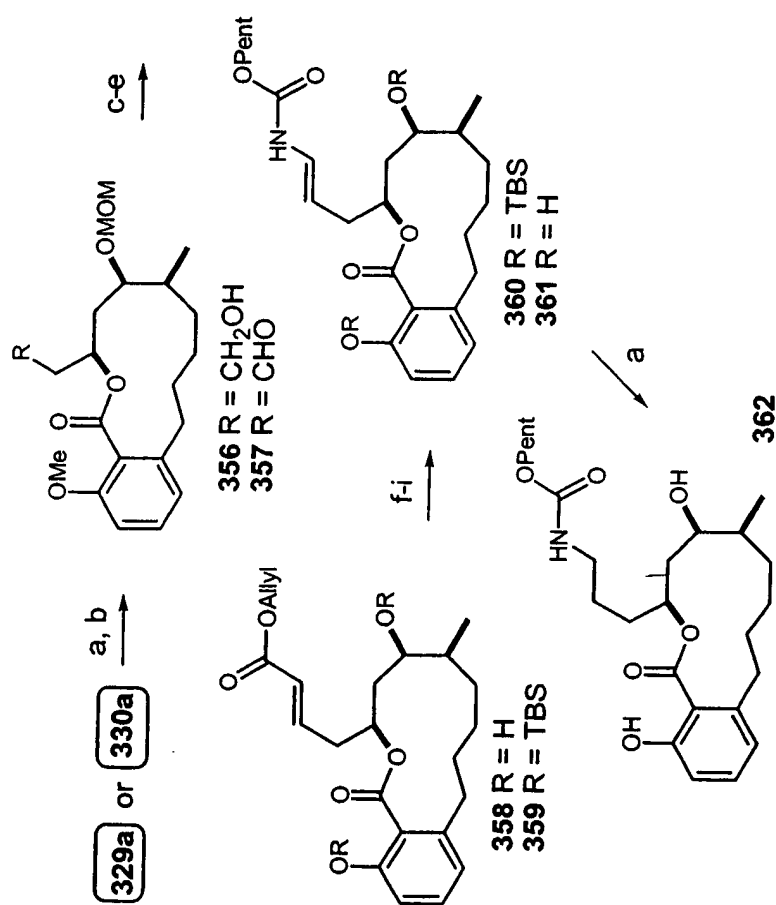


Fig. 18

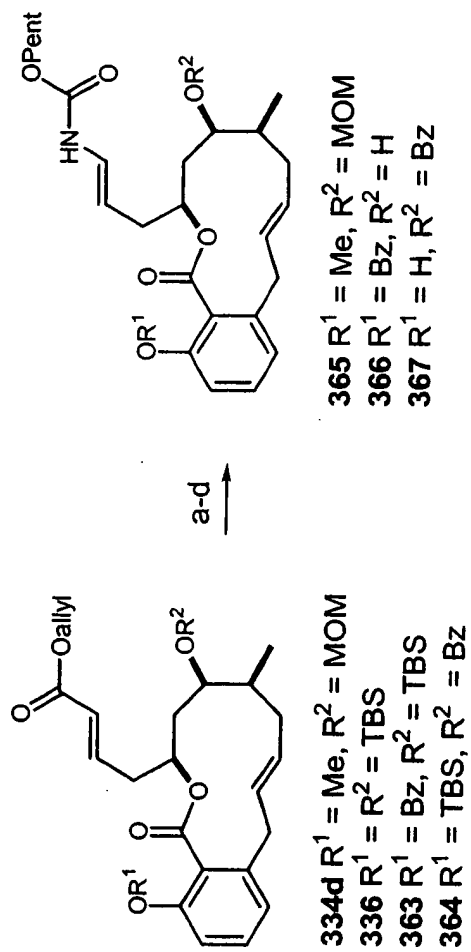


Fig. 19

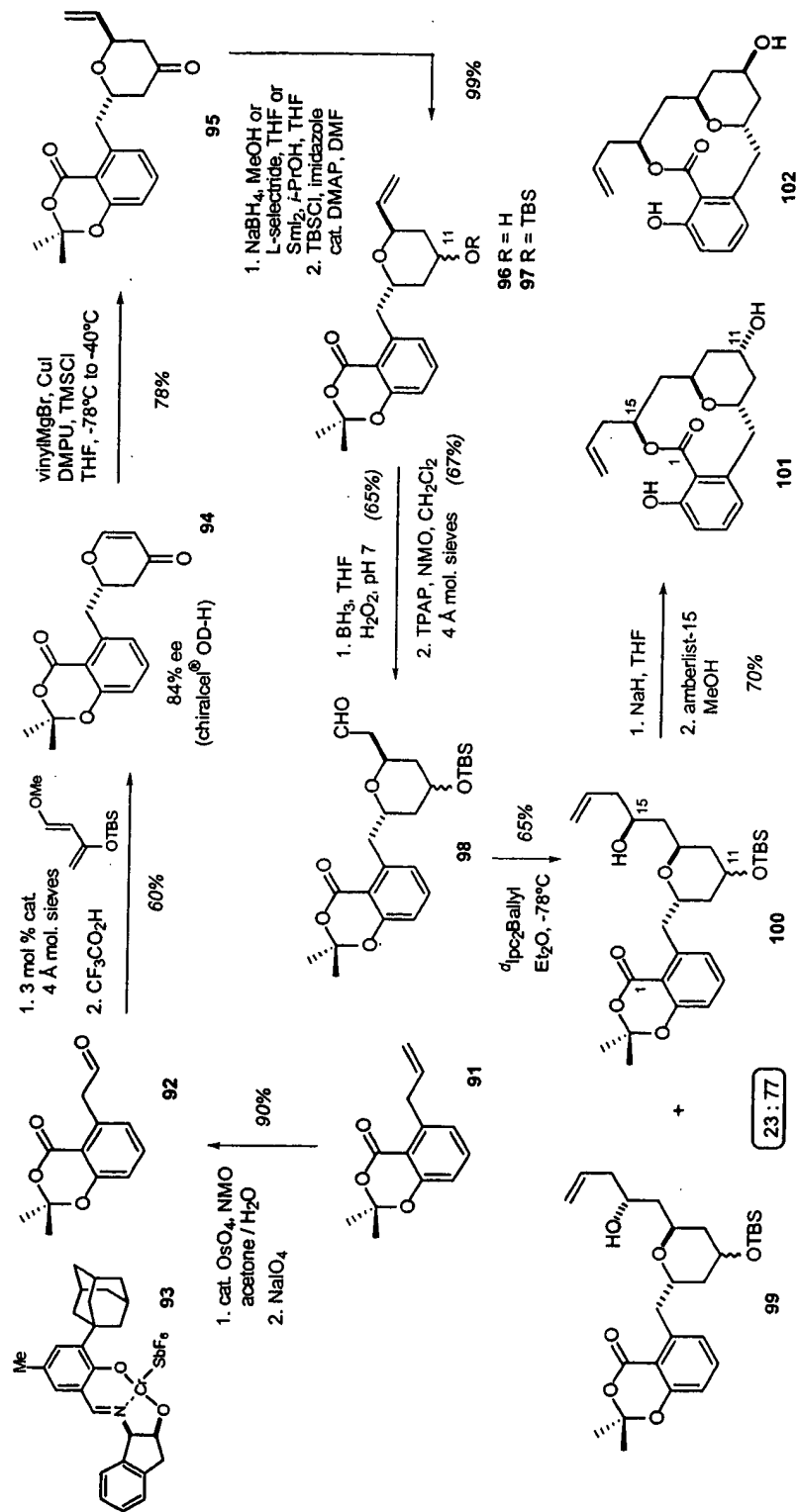


Fig. 20

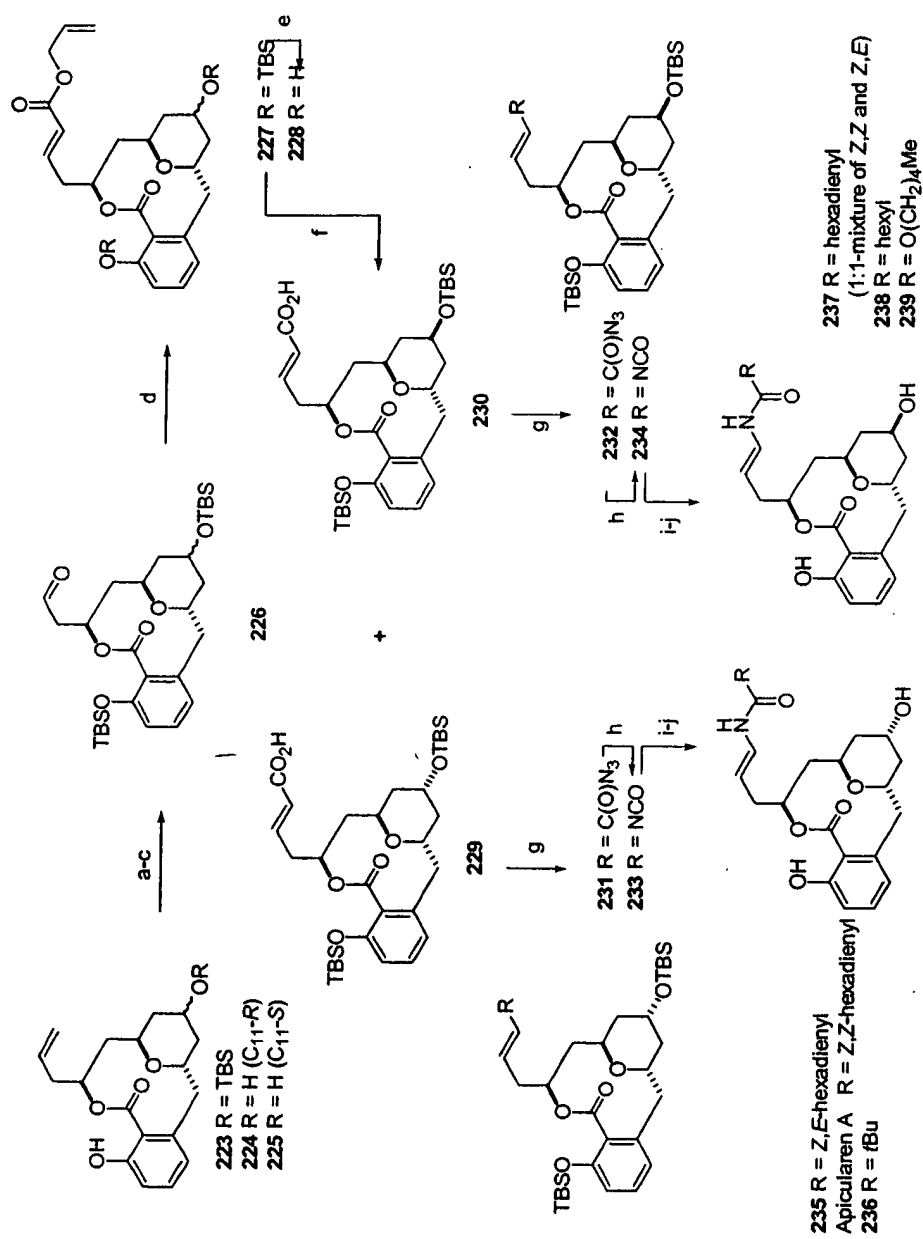


Fig. 21

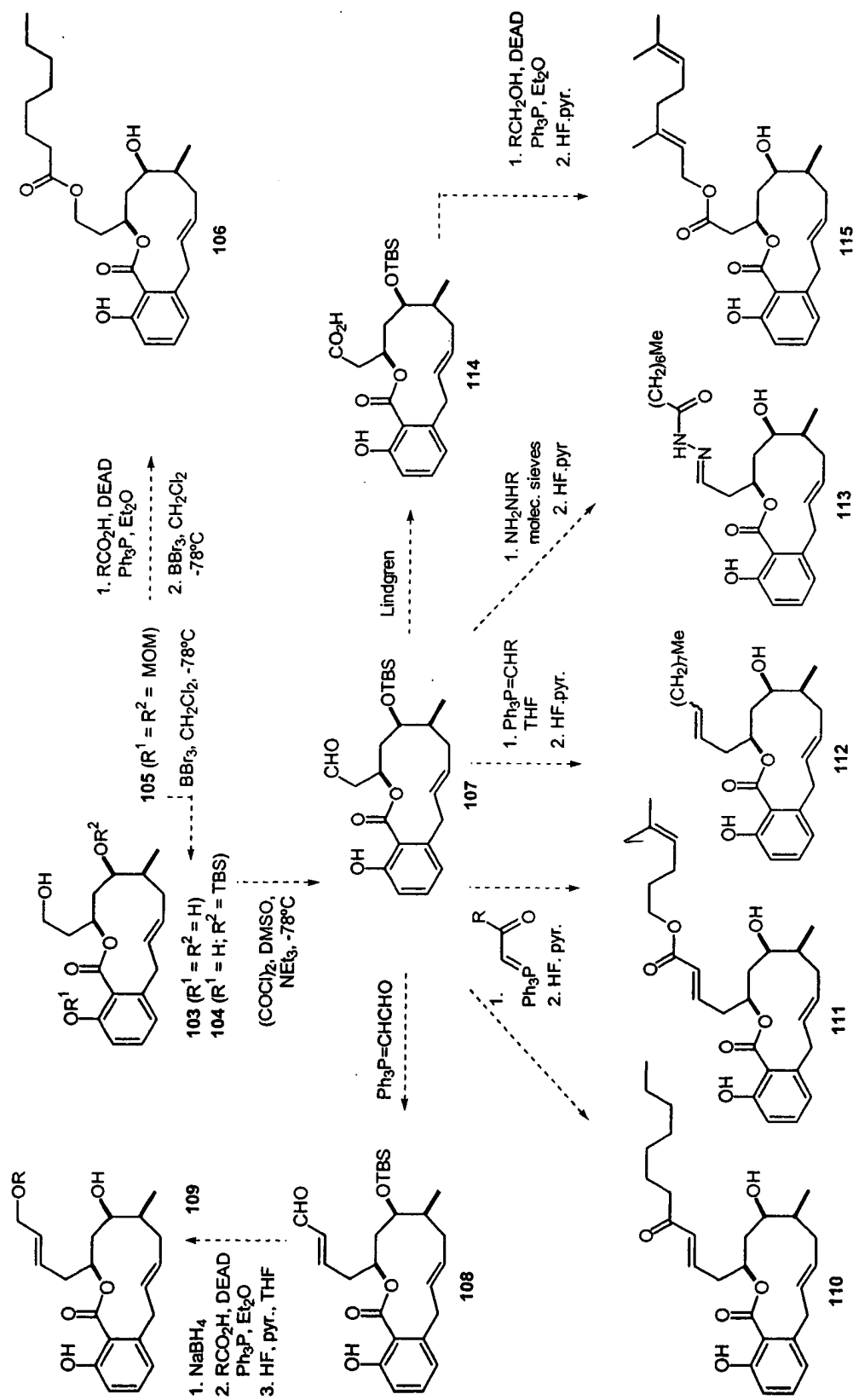


Fig. 22

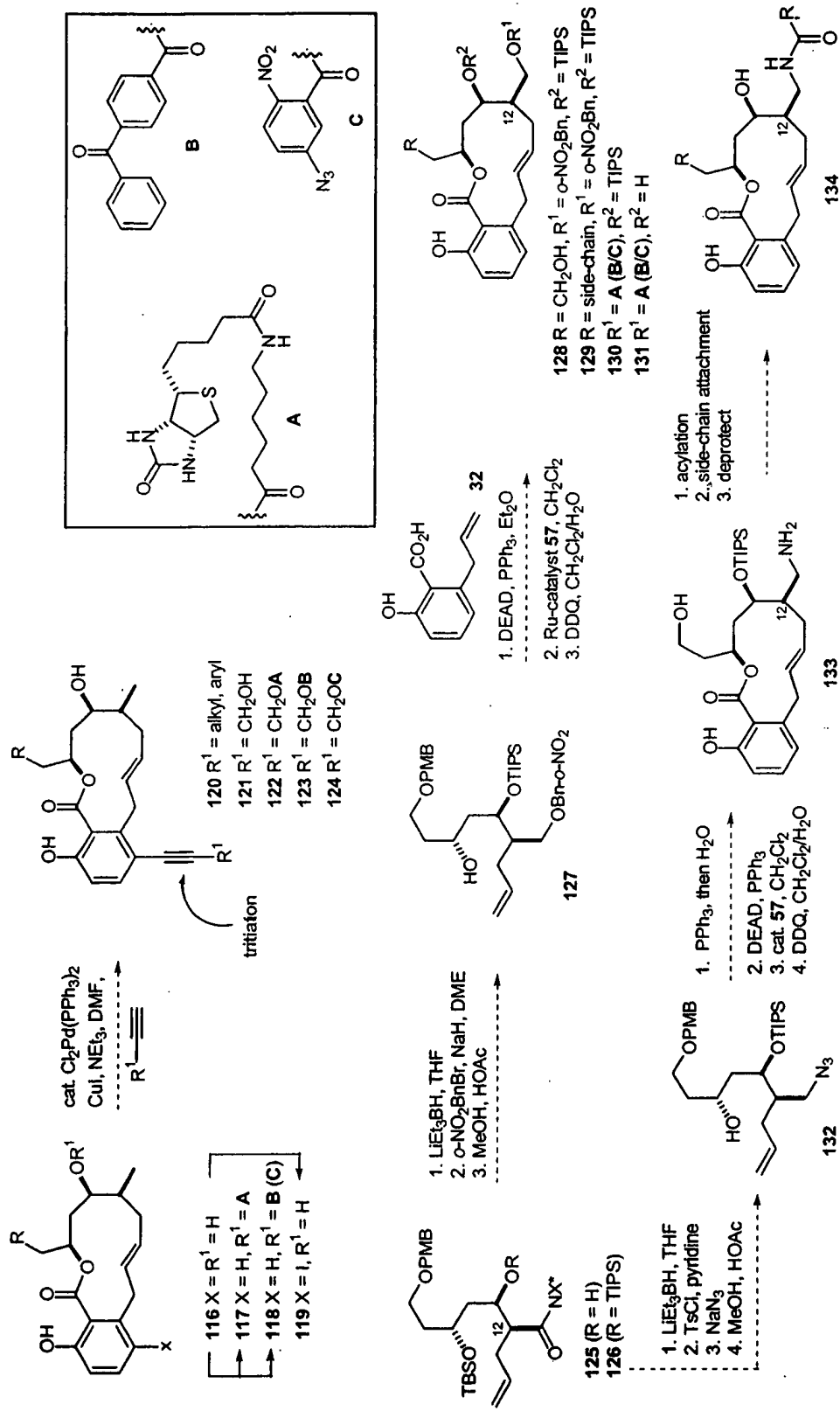


Fig. 23

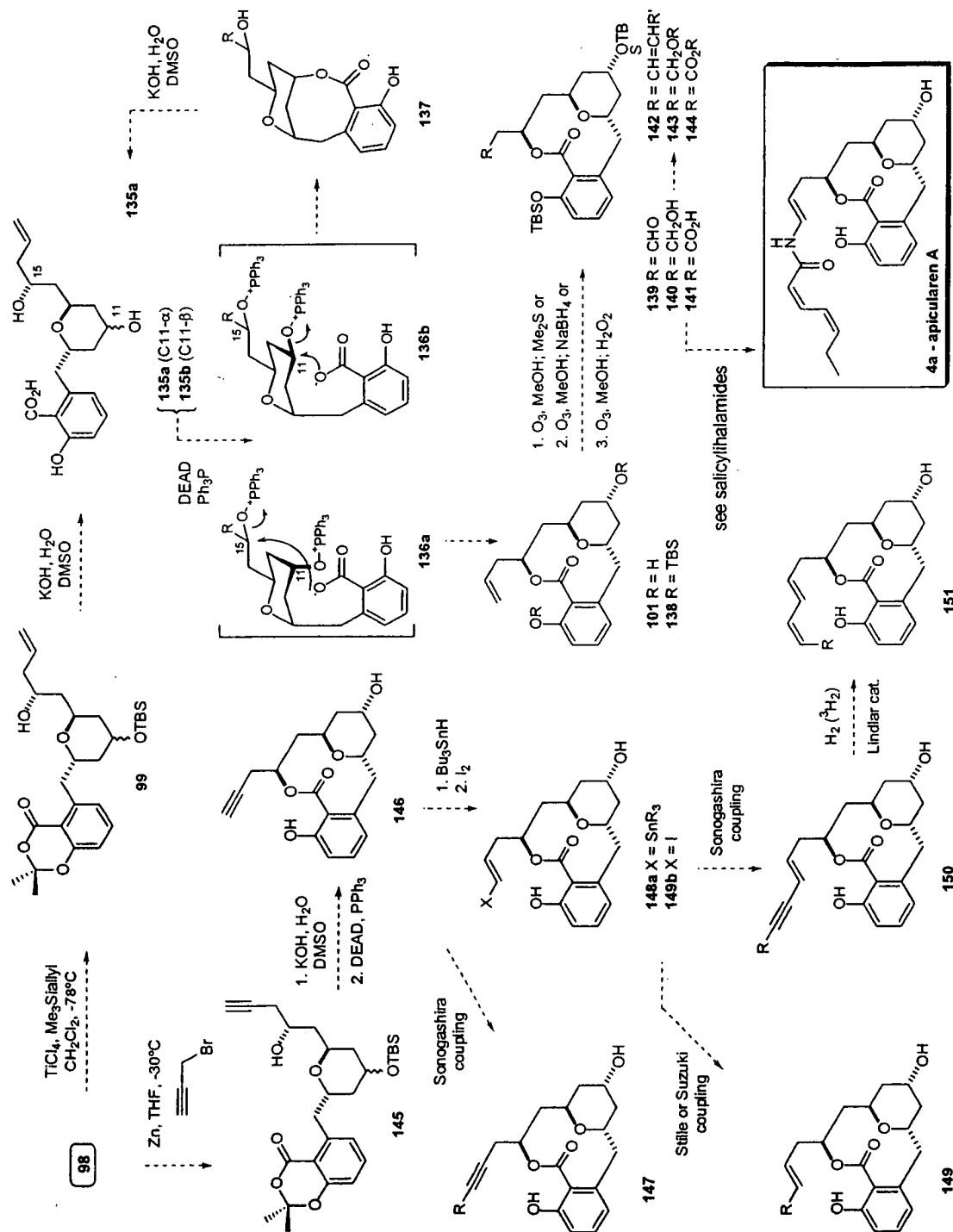


Fig. 24

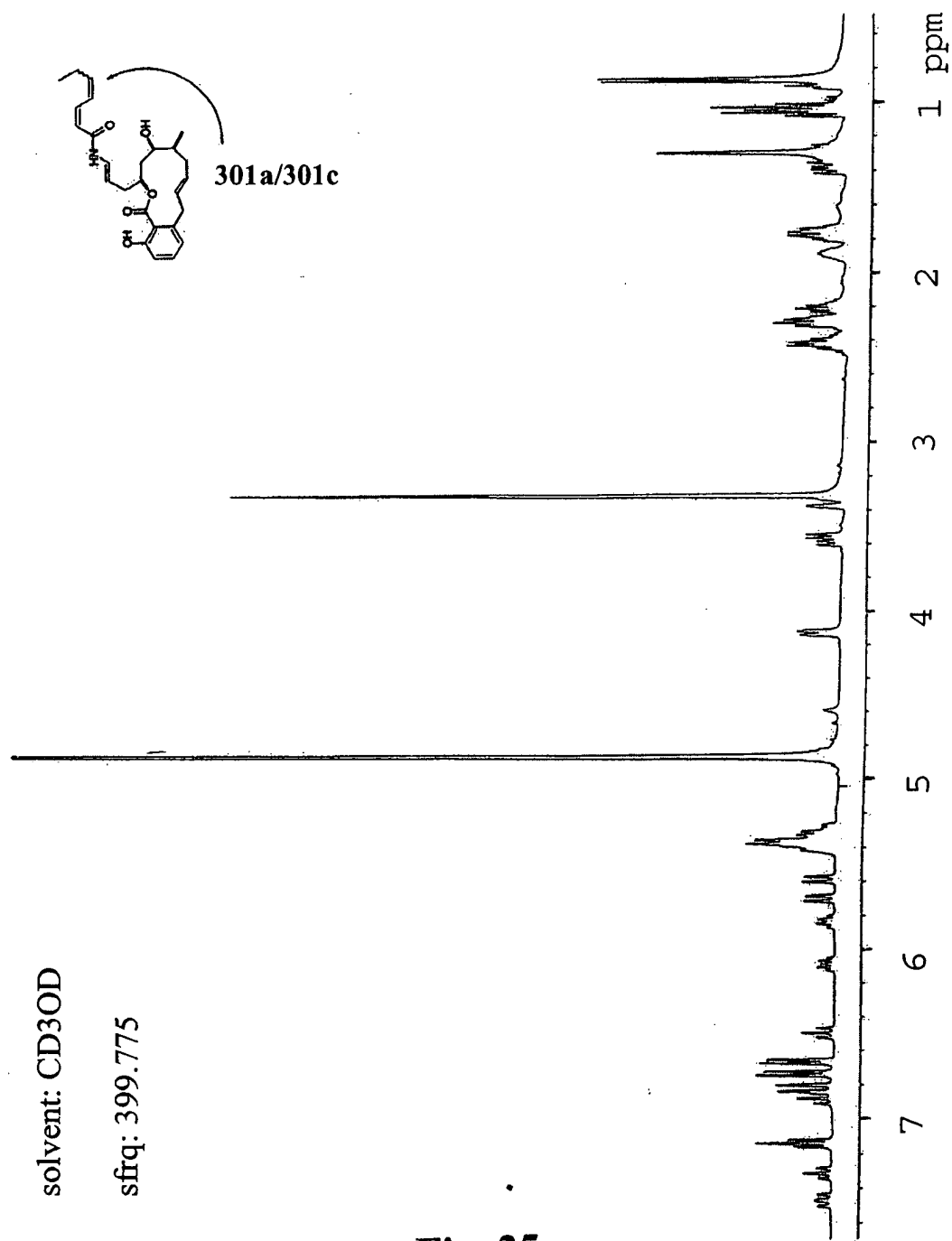


Fig. 25

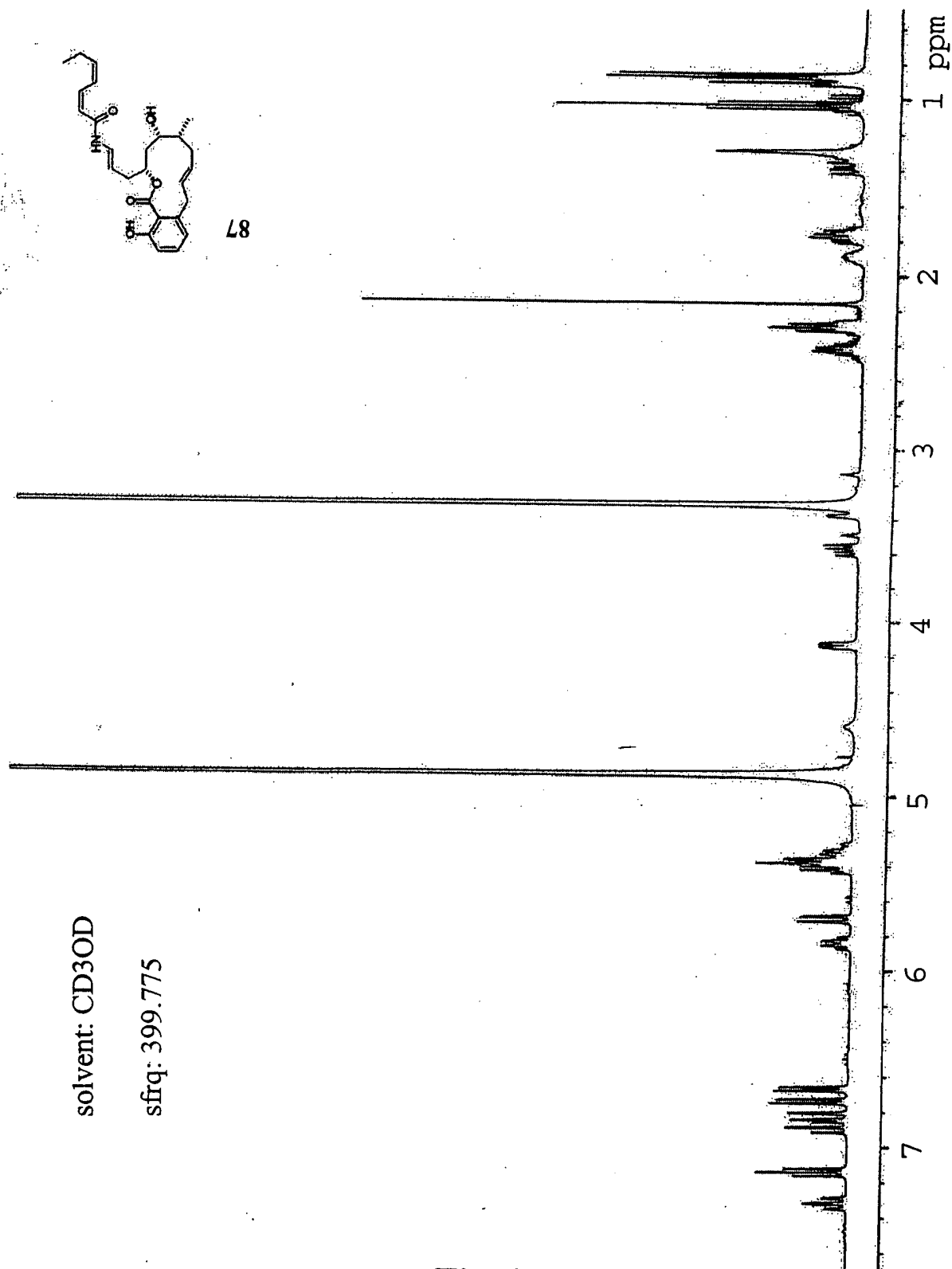
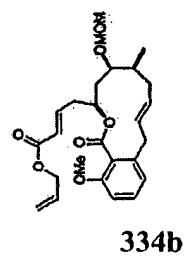


Fig. 26



solvent: CD3OD

sfrq: 399.775

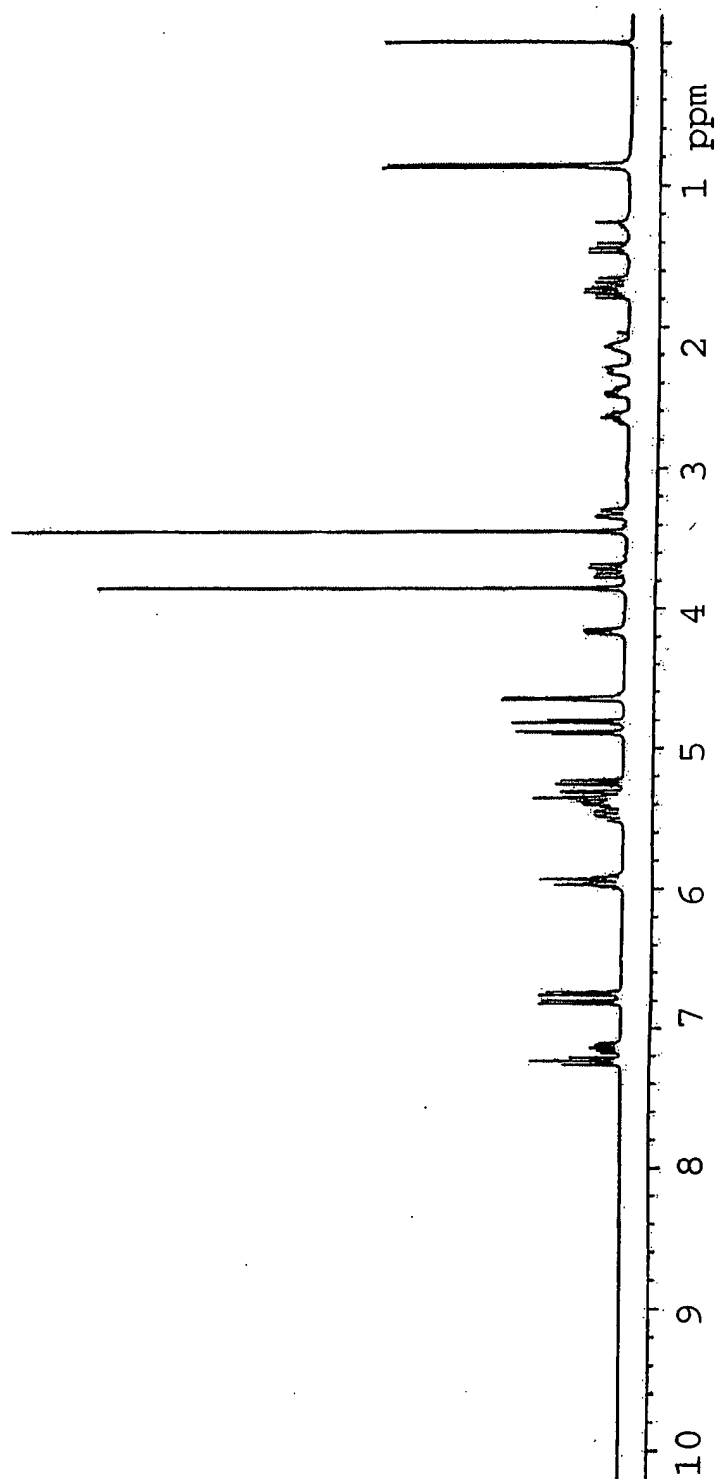


Fig. 28



sfrq: 399.775



sfrq: 399.775

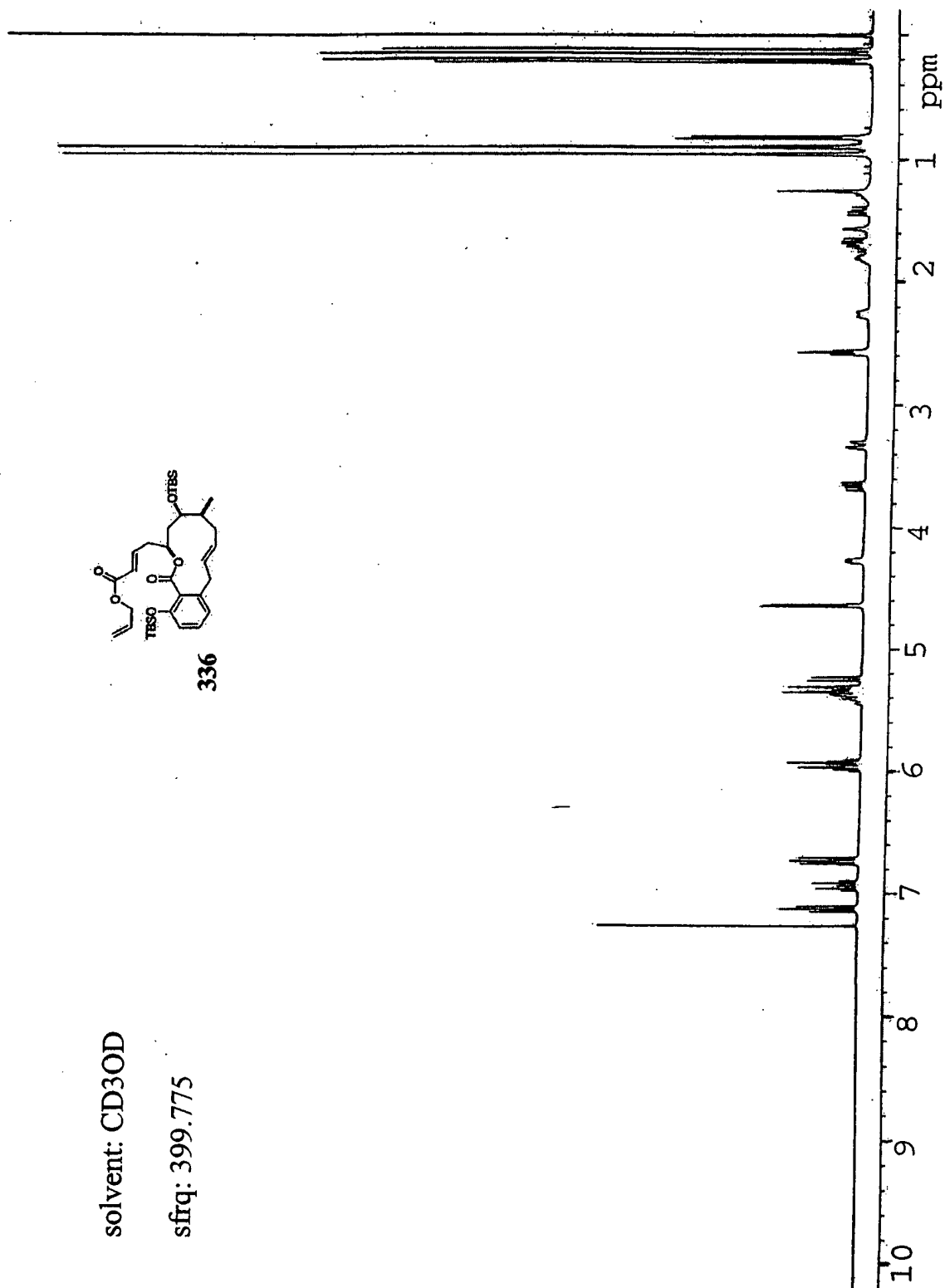
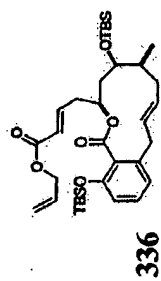


Fig. 30

sfrq: 399.773

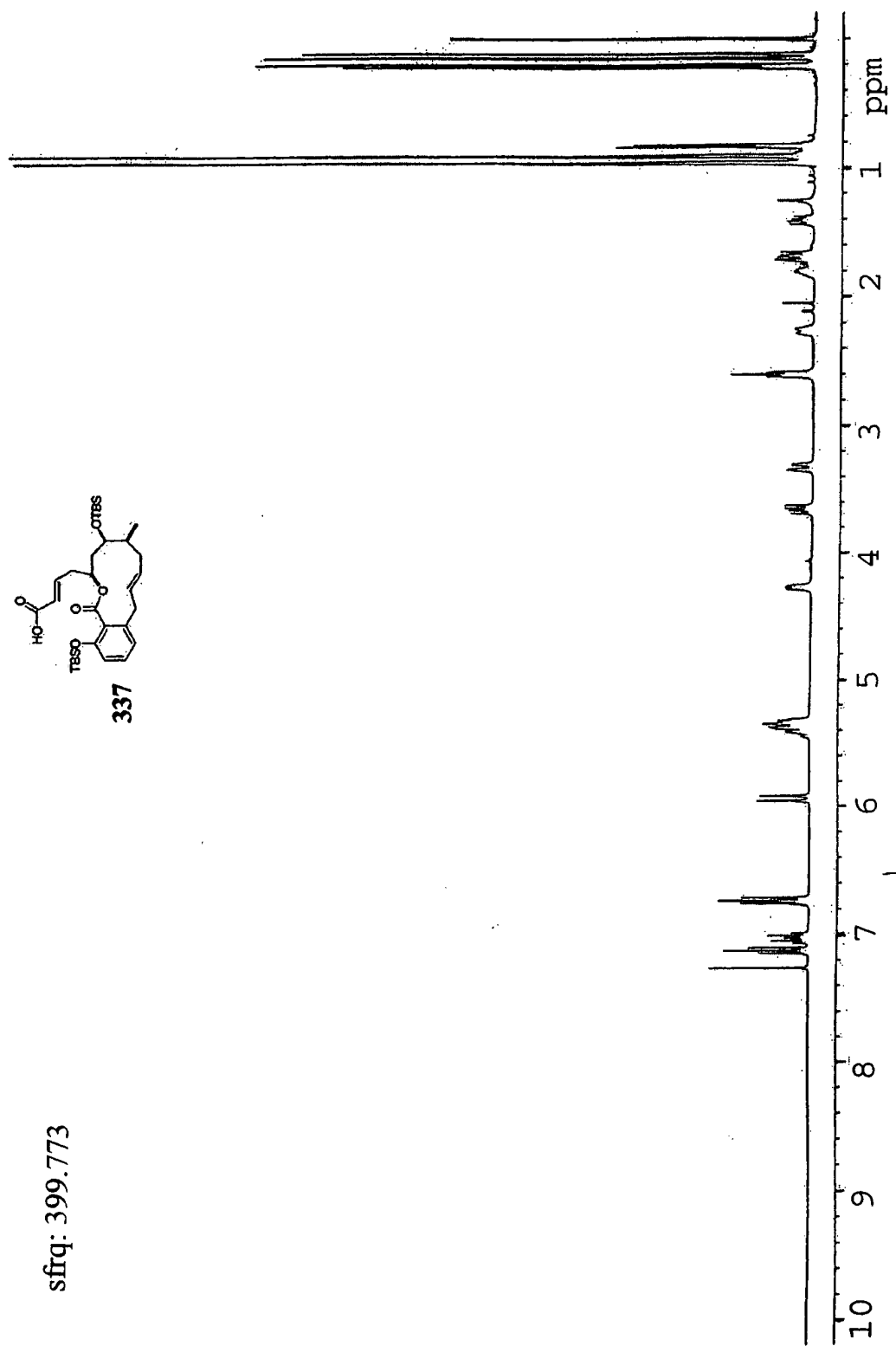
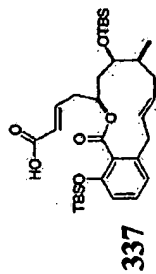


Fig. 31

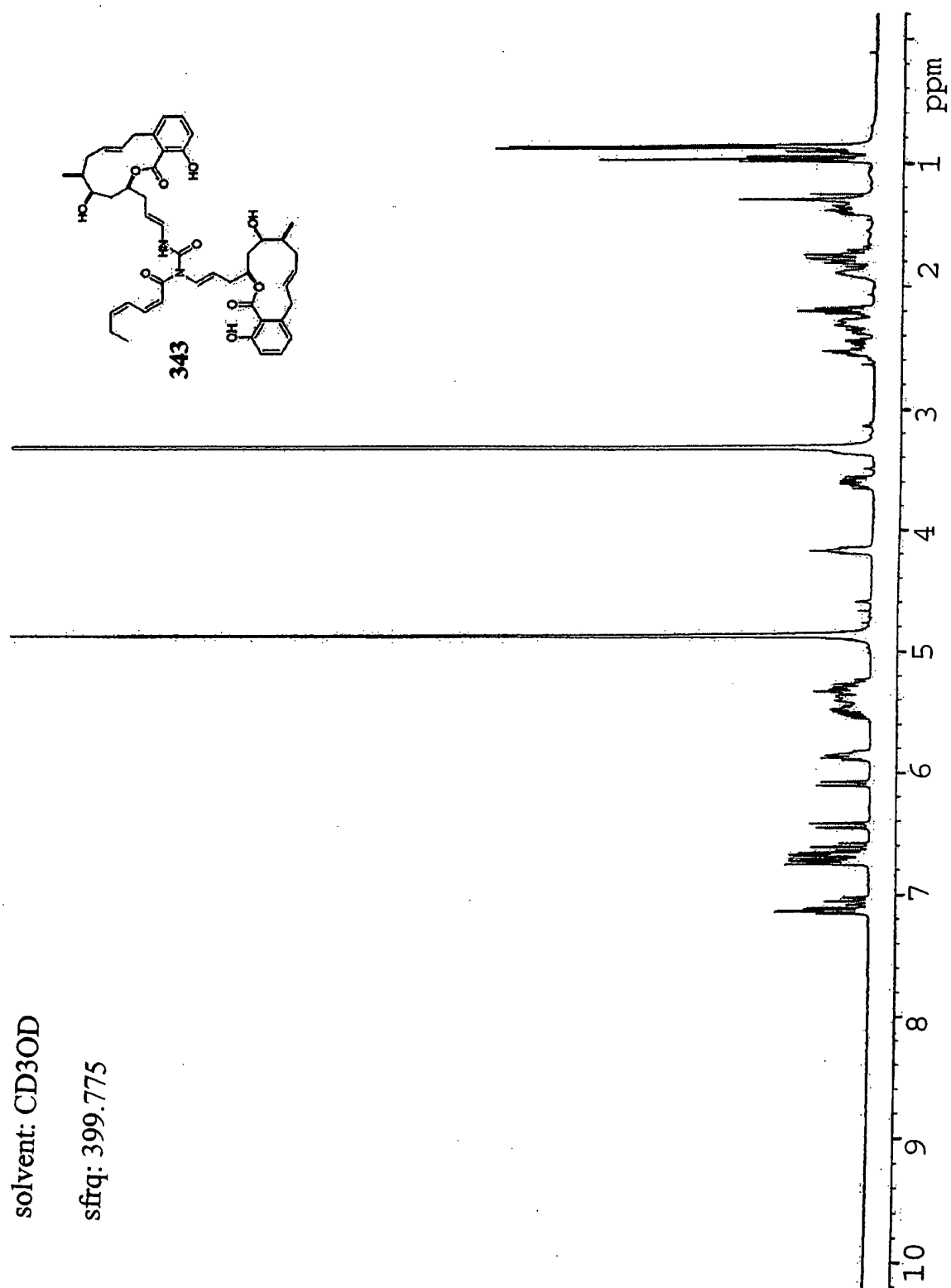


Fig. 32

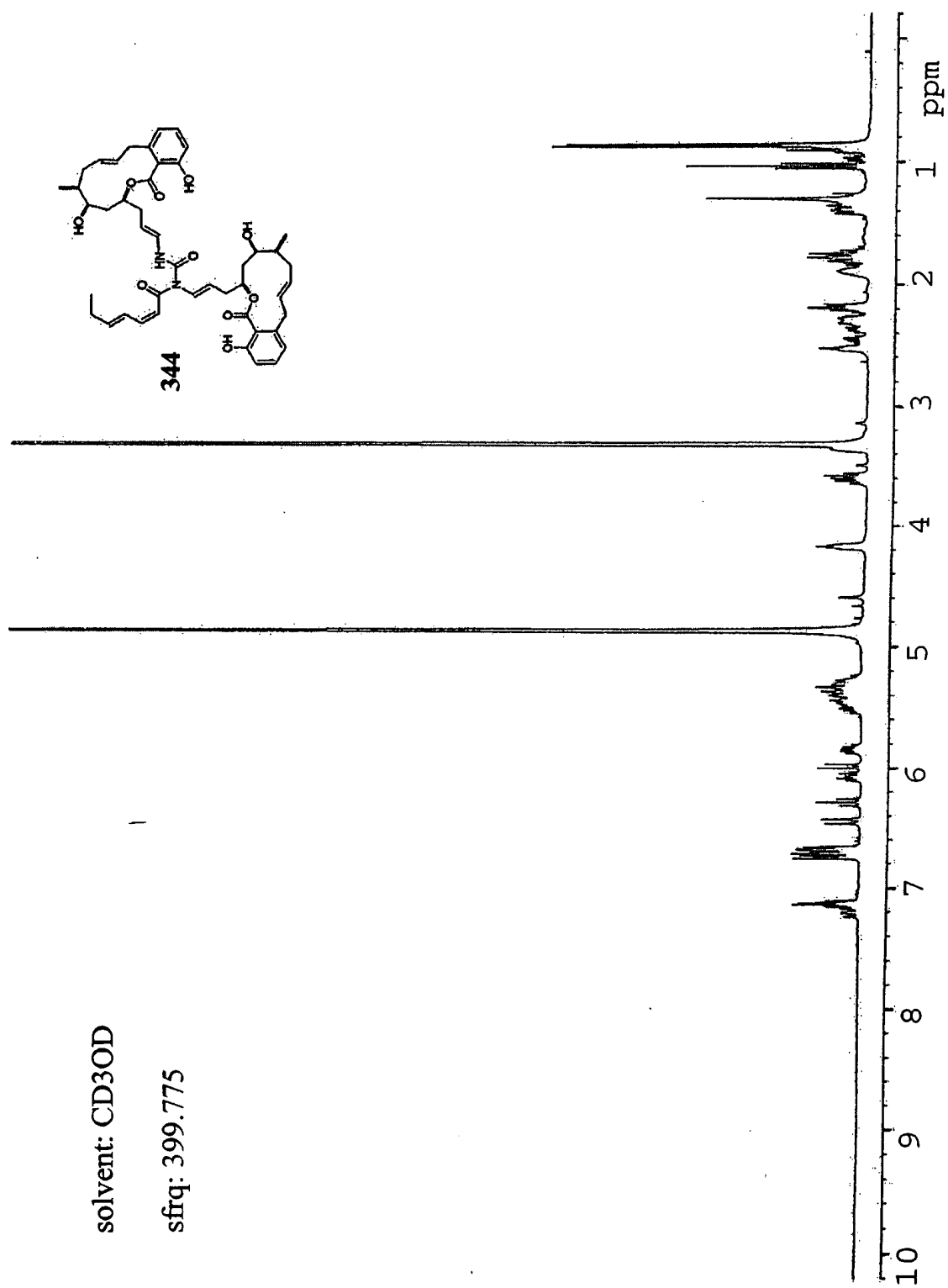


Fig. 33

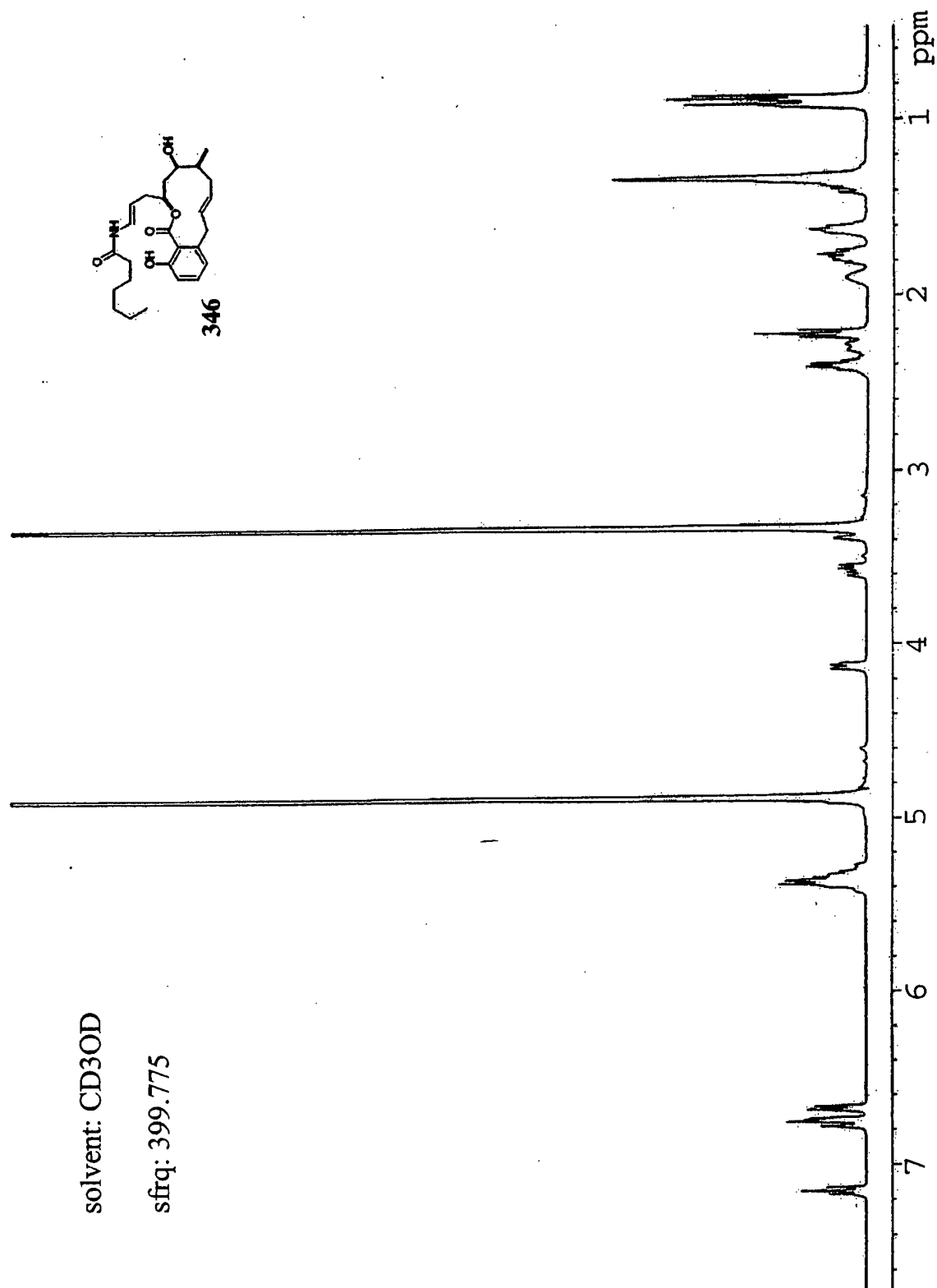


Fig. 34

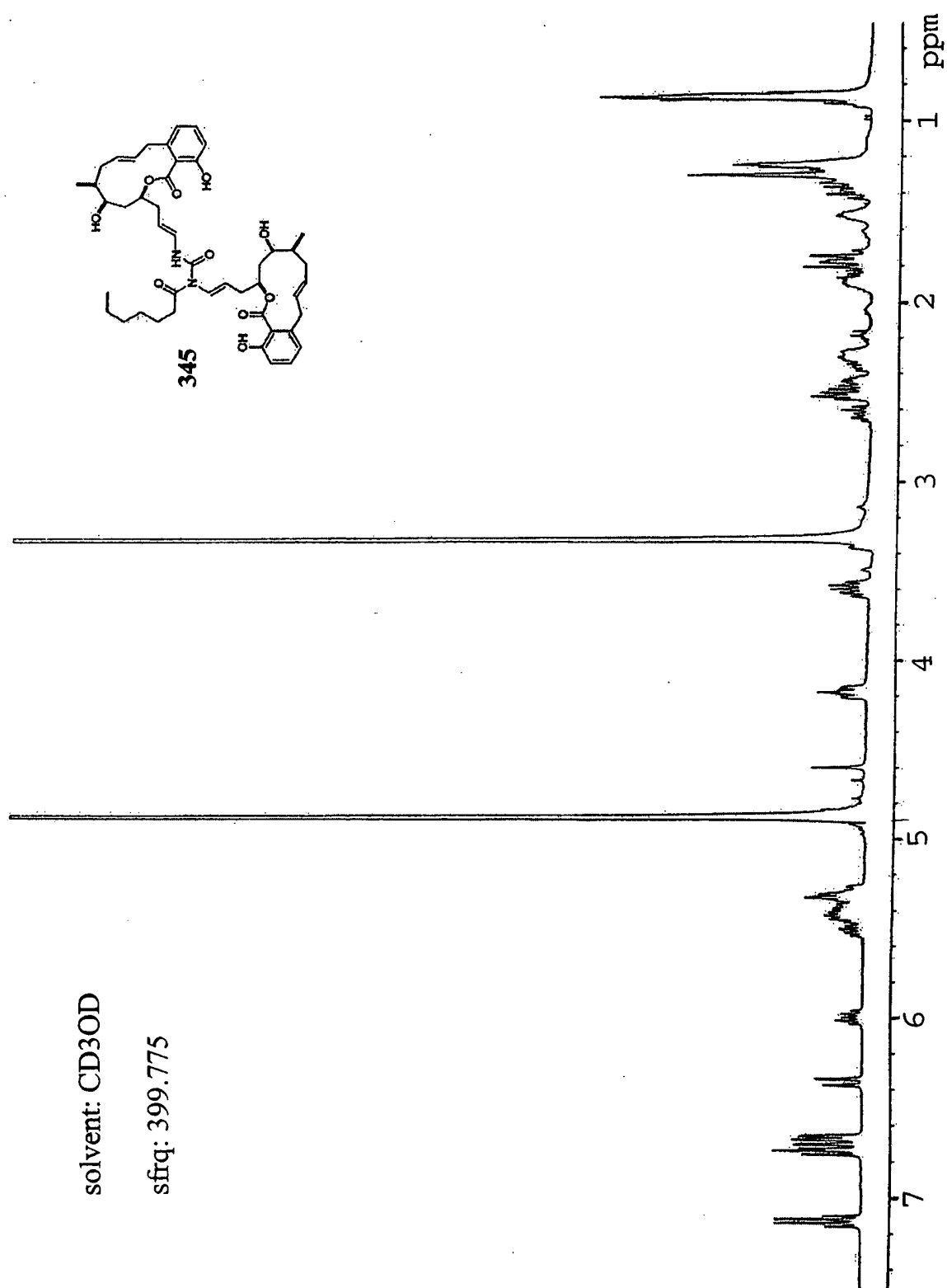


Fig. 35

solvent: CD3OD

sfrq: 399.775

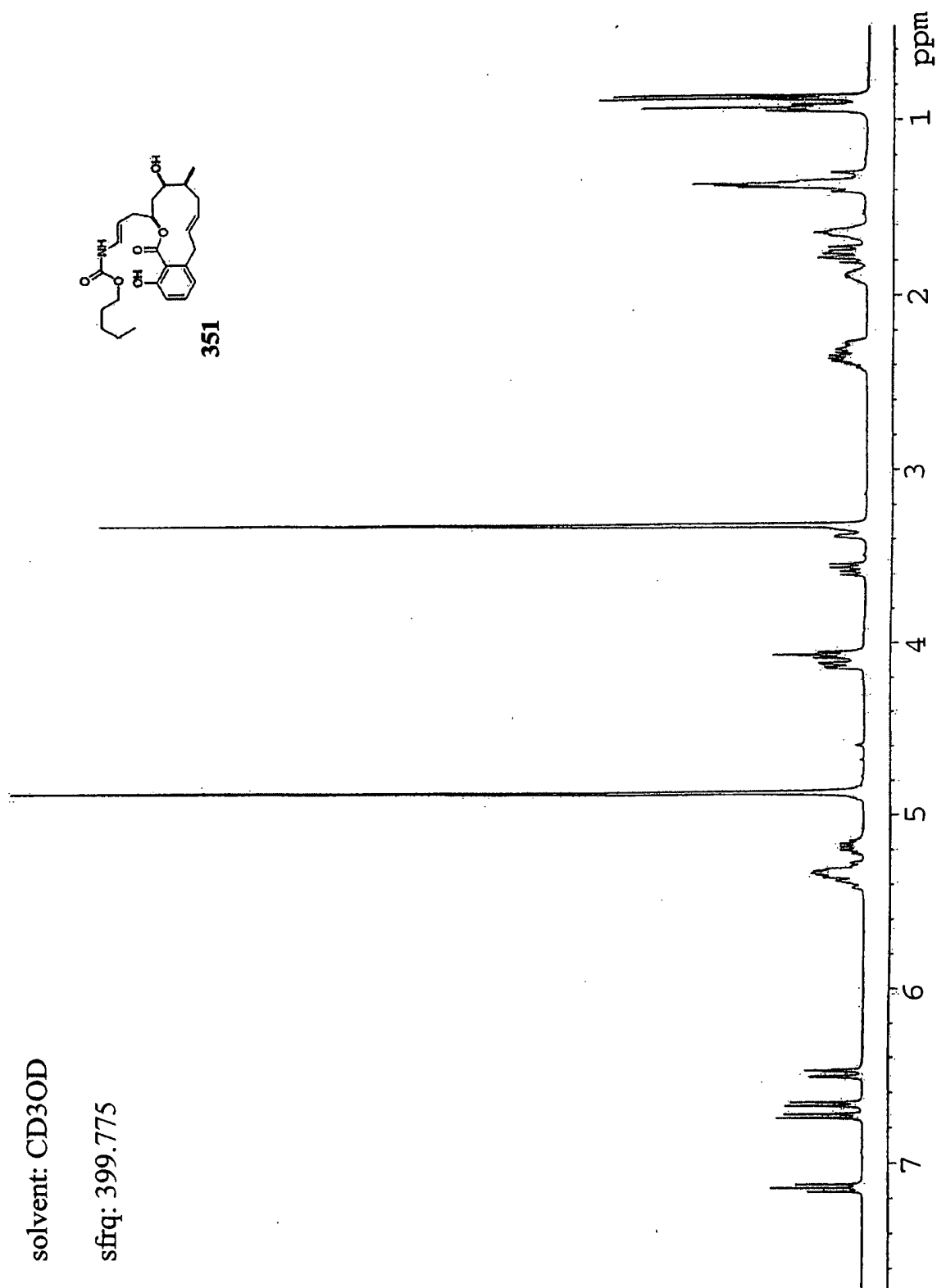
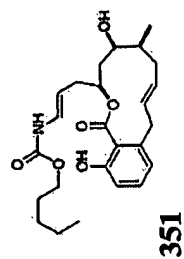


Fig. 36

solvent: CD3OD

sfrq: 399.773

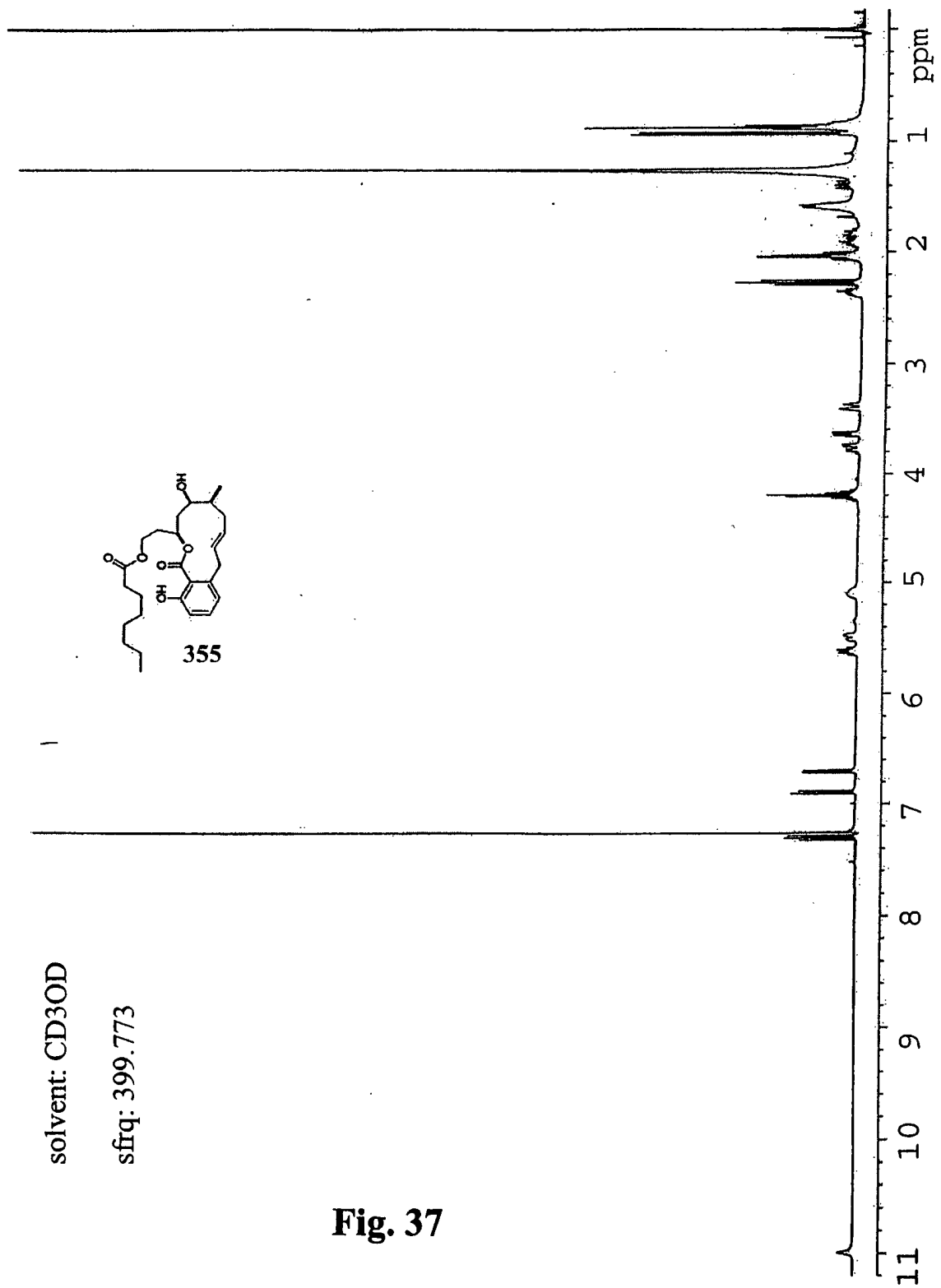
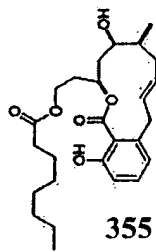


Fig. 37

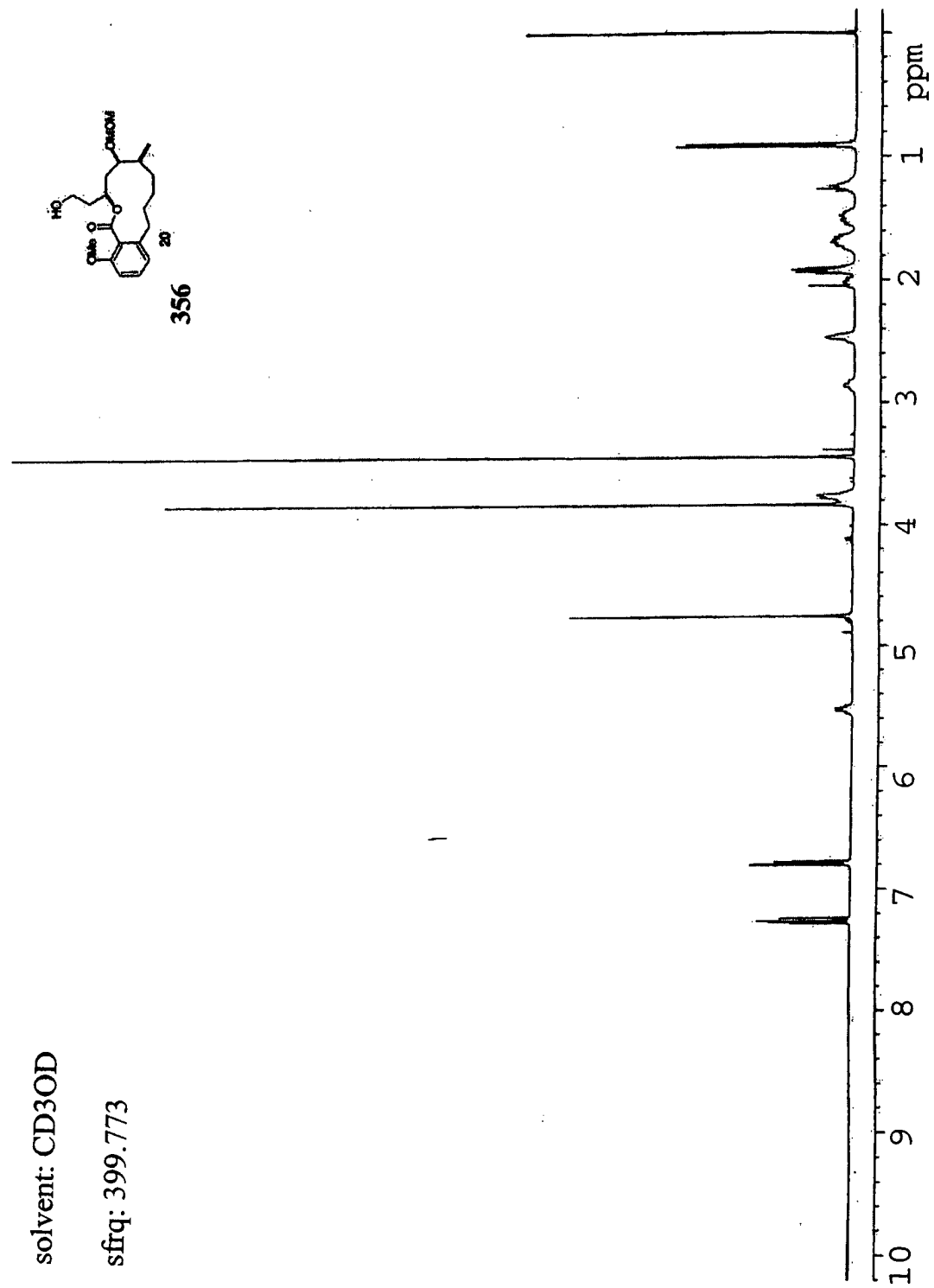


Fig. 38



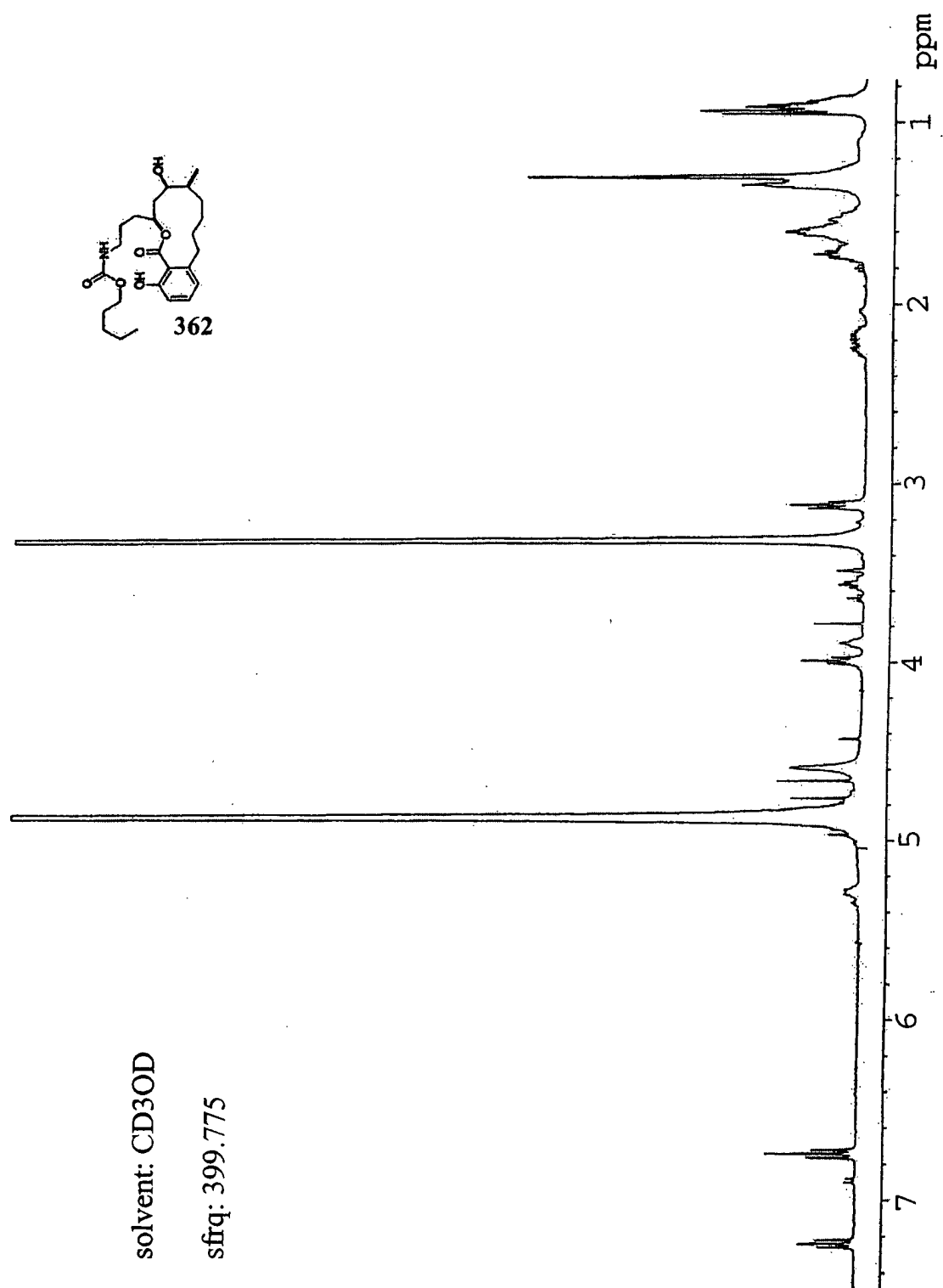


Fig. 40